

# Python: package binaryio

## *binaryio*

(version 1.0)

[/pcmdi/halliday1/cdat-4.0/lib/python2.4/site-packages/binout\\_dir/binaryio/](#) [init](#) [.py](#) [index](#)

binaryio: Fortran unformatted io

Uses Fortran wrapper module "binout"

Usage:

```
from binaryio import *
iunit = bincreate('filename')
binwrite(iunit, some_array)  (up to 4 dimensions, or scalars)
binclose(iunit)
iunit = binopen('filename')
y = binread(iunit, n, ...)    (1-4 dimensions)
binclose(iunit)
```

Note that reads and writes must be paired exactly. Errors will cause a Fortran stop that cannot be recovered from. You must know (or have written earlier in the file) the sizes of each array.

All data is stored as 32-bit floats.

## *Package Contents*

[binout](#)

## *Data*

```
__all__ = ['__init__', 'binout']
__version__ = '1.0'
```